

means for introducing pump light into at least one of the input and output ends of said gain fiber; and
means for introducing a light signal having a wavelength in the range from about 1530 to about 1560nm into the input end of said gain fiber wherein said pump light stimulated emission in said gain fiber over the wavelength range from about 1530 to about 1560nm and an amplified signal in the range from about 1530 to about 1540nm is not attenuated below a level about equal to the magnitude of an amplified signal in the wavelength range from about 1540 to about 1560nm.

49. (Amended) The amplifier of claim 45 wherein said at least two pump sources have a wavelength centered around at least one of about 980nm and 1480nm.

50. (Amended) The amplifier of claim 44 further comprising at least a second gain optical fiber consisting of one core which contains ions capable of producing stimulated emission of light within the band of wavelengths extending from about 1530 to about 1560nm when pumped with light having a wavelength capable of causing said stimulated emission in said band of wavelengths, said stimulated emission from said gain fiber exhibiting a gain spectrum including a peak around 1532nm and a substantially flat gain region extending from about 1540nm to about 1560nm, said second gain fiber having input and output ends; wherein said at least first and second gain fibers and said filtering fiber are optically interconnected in a series arrangement.

REMARKS

Claims 1-20 have been canceled. Applicants' attorney appreciates the attention to the Reissue Declaration. A new Reissue Declaration which obviates the noted defects is filed herewith.

Claims 21-50 have been reviewed and informalities have been corrected. In accordance with MPEP §1464, the following points out what has been changed. Claim 26 has been amended to recite "a pump light" before "optical fiber" to provide antecedent basis for that term in claims 27 and 28.

Claim 32 has been amended to replace "mo" with "mode."

In claim 42 a comma has been inserted after "wavelength λ_p " for clarity. Commas have been replaced by semi-colons at the end of paragraphs five and six for consistency.

In claim 43 a comma has been replaced by a semi-colon at the end of the penultimate paragraph.

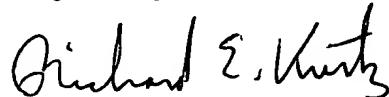
Claim 44 has been amended to recite a "filtering"-fiber- instead of "a gain spectrum" fiber to provide antecedent basis for the recitation of a filtering fiber in the remainder of claim 44.

The dependency of claim 50 has been changed because it is clear that claim 50 should refer to claim 44.

Enclosed is the executed Supplemental Combined Reissue Application Declaration and Power of Attorney by Inventor(s) or Assignee.

This application appears to be in condition for allowance and such action is respectfully requested.

Respectfully submitted,



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